

C LANGUAGE TRAINING

Prerequisite: Knowledge of

Duration: 30 Days

<p>What is C Language ?</p> <ul style="list-style-type: none">• History Of C• Features Of C• How To Install C• First C Program• Flow Of C Program• printf(),scanf()• Variables In C• Data Types In C• Keywords In C• C Operators• C Comments• Constant In C <p>C Controll Statements</p> <ul style="list-style-type: none">• C if-else• C switch• C Loops• C do-while loop• C while-loop• C for-loop• C break• C continue• C return• C goto• C Type Casting <p>C Functions</p> <ul style="list-style-type: none">• What Is Function ?• Call: Value & Reference• Recursion in C• Storage Classes	<p>C Array</p> <ul style="list-style-type: none">• 1-D Array• 2-D Array• Array To Function <p>C Pointers</p> <ul style="list-style-type: none">• C Pointers• C Pointer to Pointer• C Pointer Arithmetic• C Pointer to Function• C Pointer to Array <p>C Dynamic Memory</p> <ul style="list-style-type: none">• malloc()• calloc()• realloc()• free <p>C String</p> <ul style="list-style-type: none">• gets(),puts(),string function,strlen(),strcpy(),strcat(),strcmp(),strrev(),strlwr(),strupr(),strstr() <p>C Math</p> <ul style="list-style-type: none">• C math functions <p>C Structure & Union</p> <ul style="list-style-type: none">• C Structure,C Array Of Structure,C Nested Structure,Structure with Function,Structure with Array,Structure with Pointer• C Union <p>C File Handling</p> <ul style="list-style-type: none">• fprintf(),fscanf(),fputc(),fgetc(),fputs(),fgets() <p>C Preprocessor</p> <ul style="list-style-type: none">• macros,#include,#define,#undef,#ifdef,#ifndef,#if,#else,#pragma <p>C I/O</p>
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CODEASH WEB SOLUTION & IT TRAINING

231-A2 ,Top Floor Trade Center,18-South Tukoganj,Near Hotel Crown Palace Indore(m.p.)

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C++ LANGUAGE TRAINING

Prerequisite: Knowledge of

Duration: 30 Days

<p>What is C++ Language ?</p> <ul style="list-style-type: none">• History Of C++• C vs C++• C++ Features• C++ Installation• C++ Program• C++ cout,cin,endl• C++ Variable• C++ Data Types• C++ Keywords• C++ Operators <p>C++ Controll Statements</p> <ul style="list-style-type: none">• C++ if-else• C++ switch• C++ Loops• C++ do-while loop• C++ while-loop• C++ for-loop• C++ break• C++ continue• C++ return• C++ goto• C++ Comments <p>C++ Functions</p> <ul style="list-style-type: none">• What Is Function ?• Call: Value & Reference• Recursion in C++• Storage Classes in C++	<p>C++ Array</p> <ul style="list-style-type: none">• C++ Arrays• C++ Array To Function• C++ Multidimensional Arrays <p>C++ Pointers</p> <ul style="list-style-type: none">• C++ Pointers• C++ Pointer to Pointer• C++ Pointer Arithmetic• C++ Pointer to Function• C++ Pointer to Array <p>C++ Object Class</p> <ul style="list-style-type: none">• C++ OOPs Concepts• C++ Object Class• C++ Constructor• C++ Destructor• C++ this pointer• C++ static• C++ structs• C++ Enumeration• C++ Friends Function <p>C++ Inheritance</p> <ul style="list-style-type: none">• Single-level, Multilevel, Multiple, Hirachical, Hybrid <p>C++ Polymorphism</p> <ul style="list-style-type: none">• Overloading, Overriding, Virtual Function <p>C++ Data Abstraction</p> <p>C++ Namespaces</p> <p>C++ String</p> <p>C++ Exceptions</p> <ul style="list-style-type: none">• Exception Handling, try-catch, User-Defined <p>C++ File & Stream</p>
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